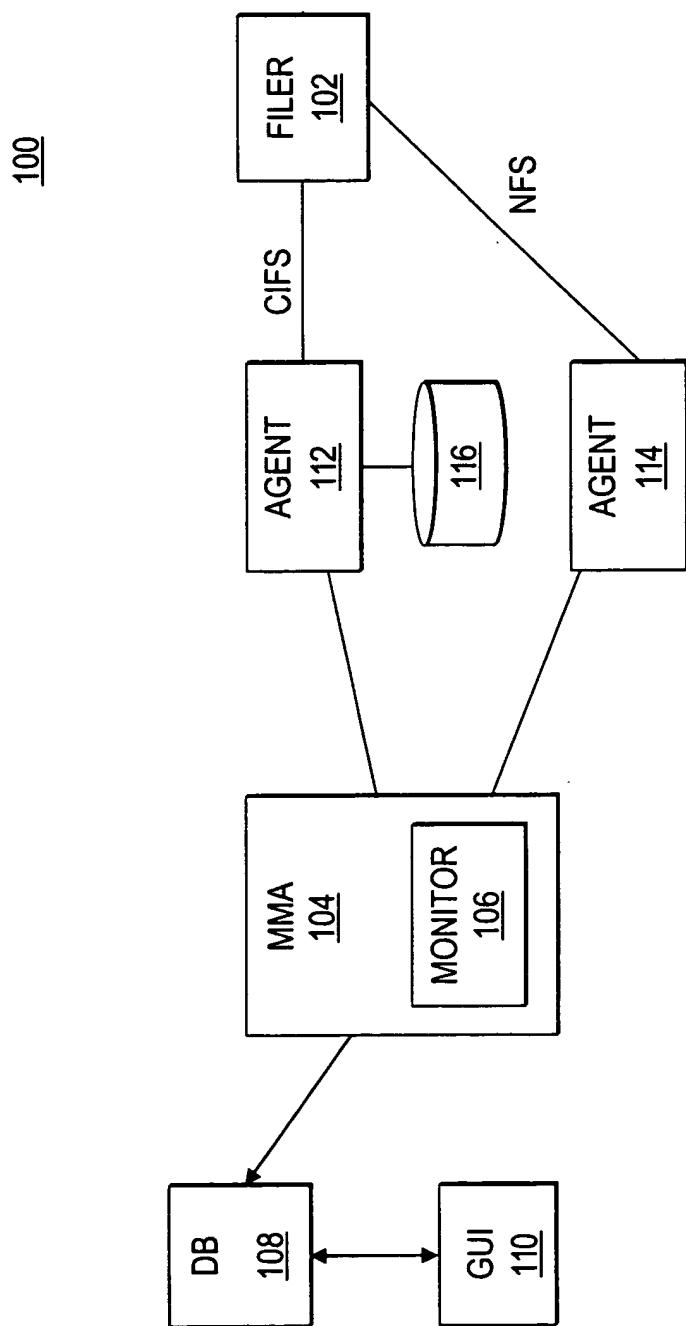




FIG. 1



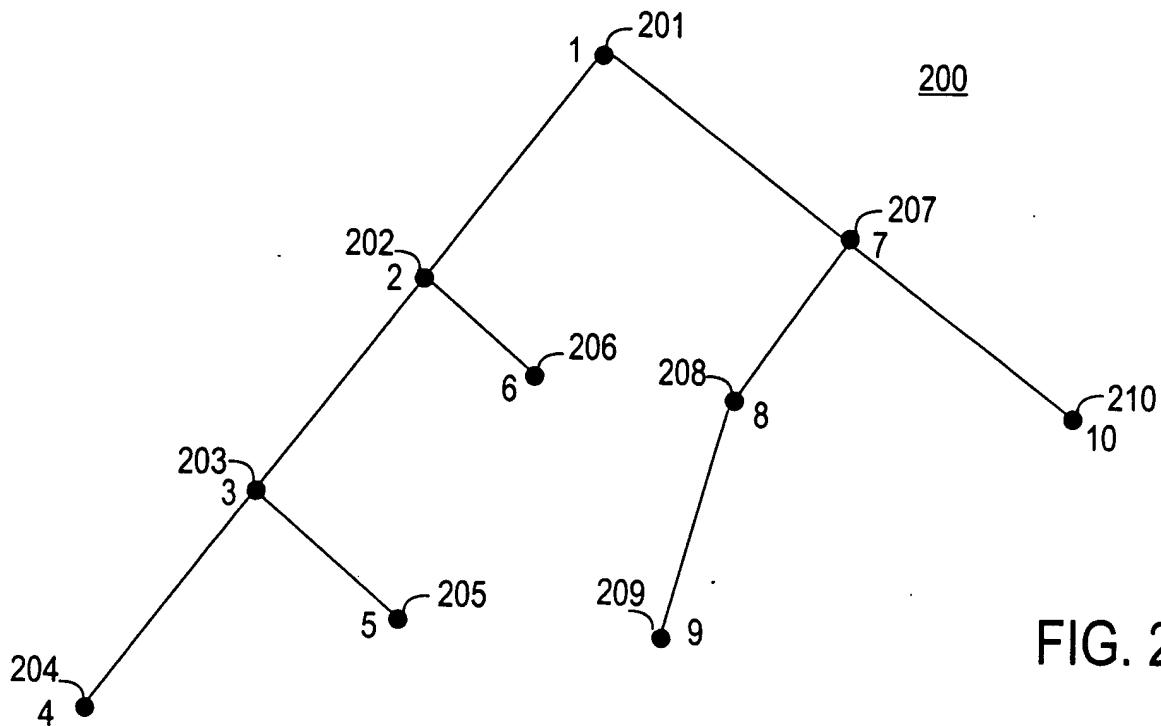


FIG. 2

300

NODE	PARENT
1	0
2	1
7	1
3	2
6	2
8	7
10	7
4	3
5	3
9	8

302                    304

FIG. 3

300

NODE	PARENT	SIZE	CREATION TIME	NAME
1	0	4.1GB	3/1/2003 12:00a	/u/
2	1	812 MB	3/1/2003 1:00a	/u/employees/
7	1	1.2 GB	3/1/2003 1:02a	/u/administrators/
3	2	704 MB	3/14/2003 2:14p	/u/employees/a-m/

FIG. 3B

370

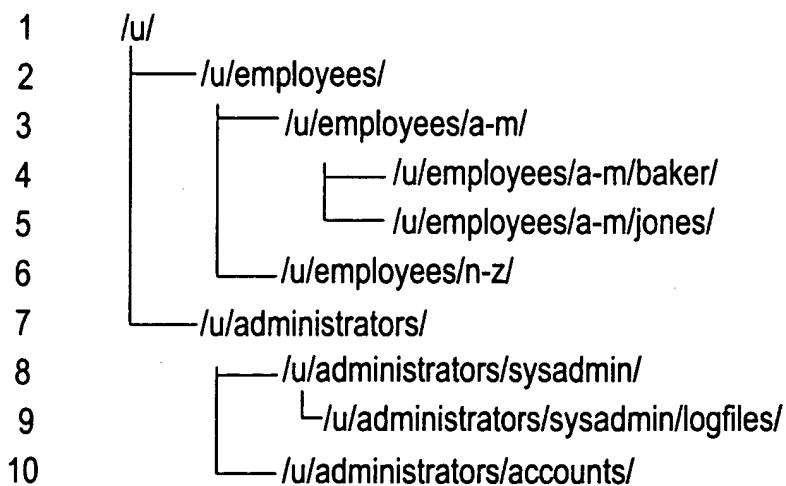


FIG. 3C

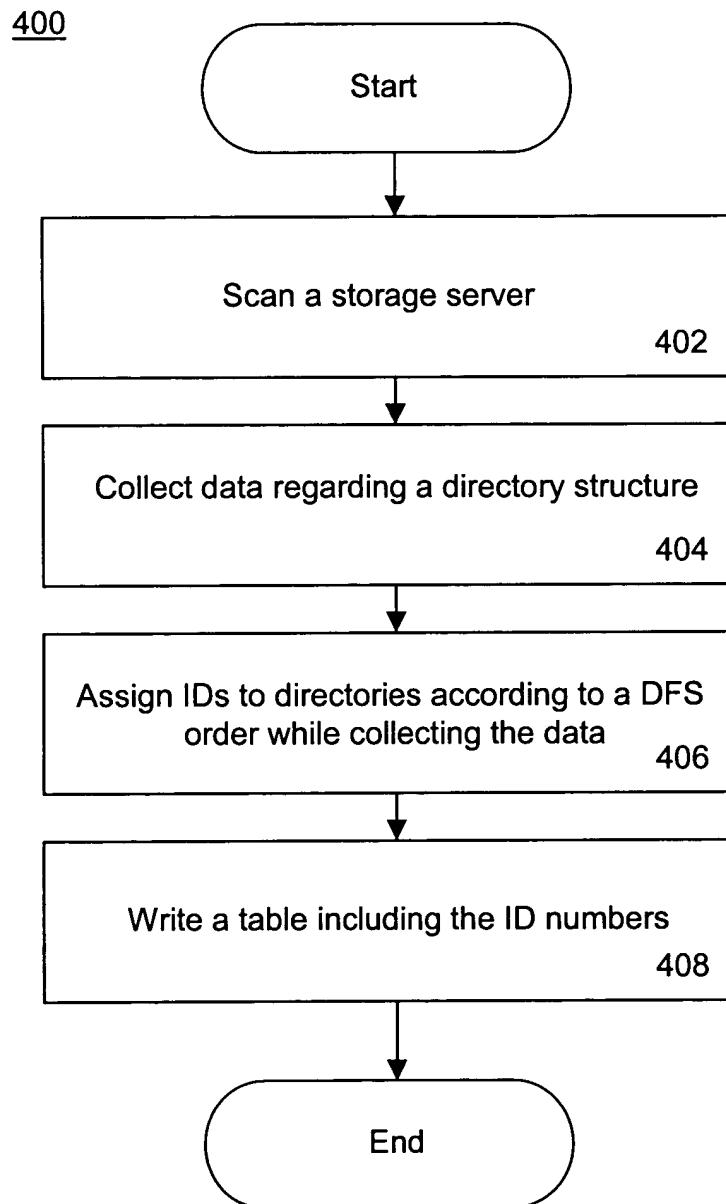


FIG. 4

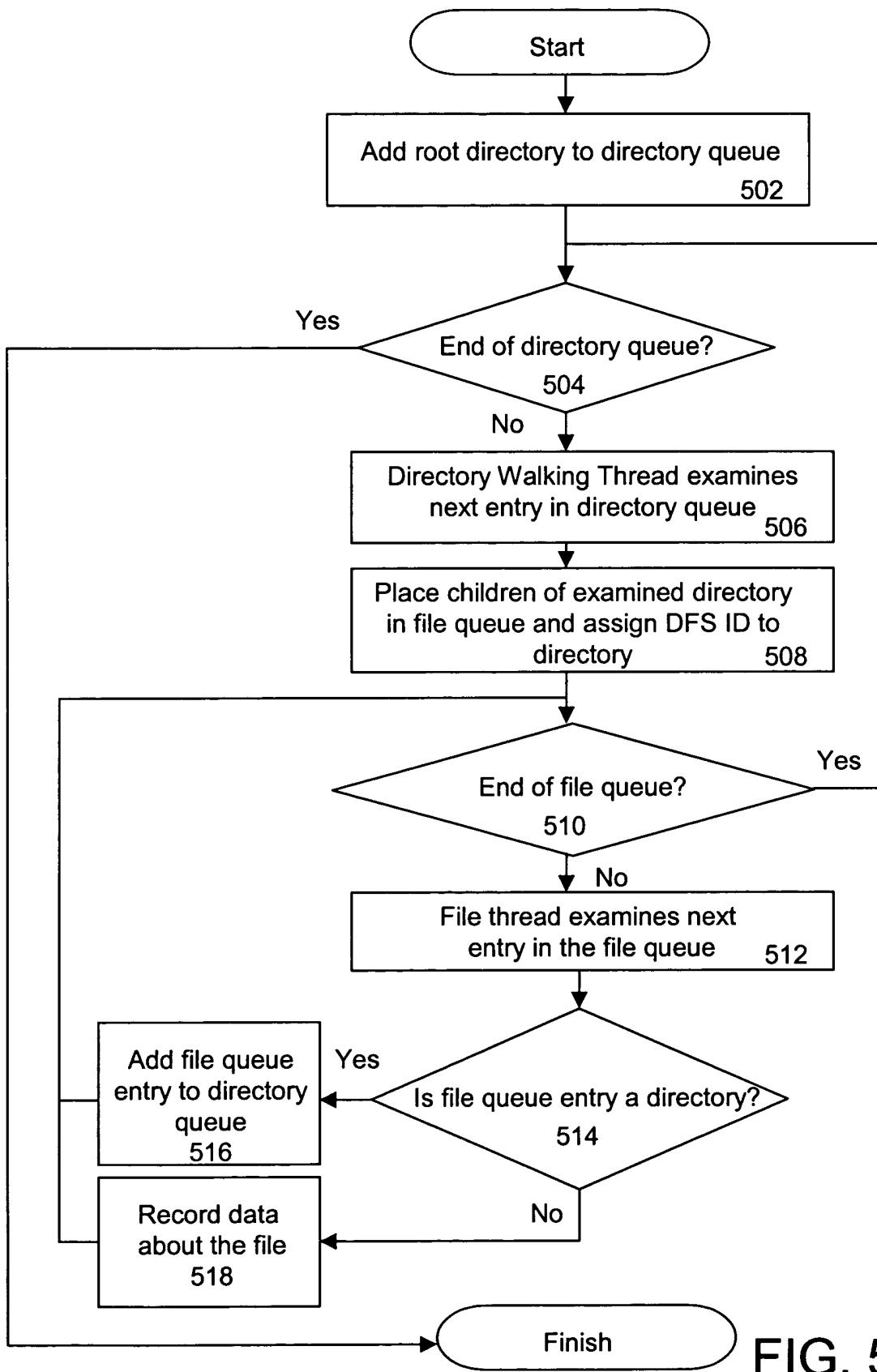


FIG. 5

FIG. 6A	<u>Directory Queue</u> ~~~~602 root	<u>File Queue</u> ~~~~604	<u>Tree</u> ~~~~606	<u>600</u>
FIG. 6B	<u>Directory Queue</u> ~~~~602	<u>File Queue</u> ~~~~604 /u/ system.file	<u>Tree</u> ~~~~606 O Root (0)	<u>600</u>
FIG. 6C	<u>Directory Queue</u> ~~~~602 /u/	<u>File Queue</u> ~~~~604	<u>Tree</u> ~~~~606 O Root (0)	<u>600</u>
FIG. 6D	<u>Directory Queue</u> ~~~~602	<u>File Queue</u> ~~~~604 /employees/ /administrators/ users.cfg	<u>Tree</u> ~~~~606 O Root (0) O /u/ (1)	<u>600</u>
FIG. 6E	<u>Directory Queue</u> ~~~~602 /employees/ /administrators/	<u>File Queue</u> ~~~~604	<u>Tree</u> ~~~~606 O Root (0) O /u/ (1)	<u>600</u>
FIG. 6F	<u>Directory Queue</u> ~~~~602 /administrators/	<u>File Queue</u> ~~~~604 /a-m/ /n-z/ list.cfg	<u>Tree</u> ~~~~606 O Root (0) O /u/ (1) O /employees/ (2)	<u>600</u>
FIG. 6G	<u>Directory Queue</u> ~~~~602 /a-m/ /n-z/ /administrators/	<u>File Queue</u> ~~~~604	<u>Tree</u> ~~~~606 O Root (0) O /u/ (1) O /employees/ (2)	<u>600</u>
FIG. 6H	<u>Directory Queue</u> ~~~~602 /n-z/ /administrators/	<u>File Queue</u> ~~~~604 /baker/ /jones/ index.cfg	<u>Tree</u> ~~~~606 O Root (0) O /u/ (1) O /employees/ (2) O /a-m/ (3)	<u>600</u>

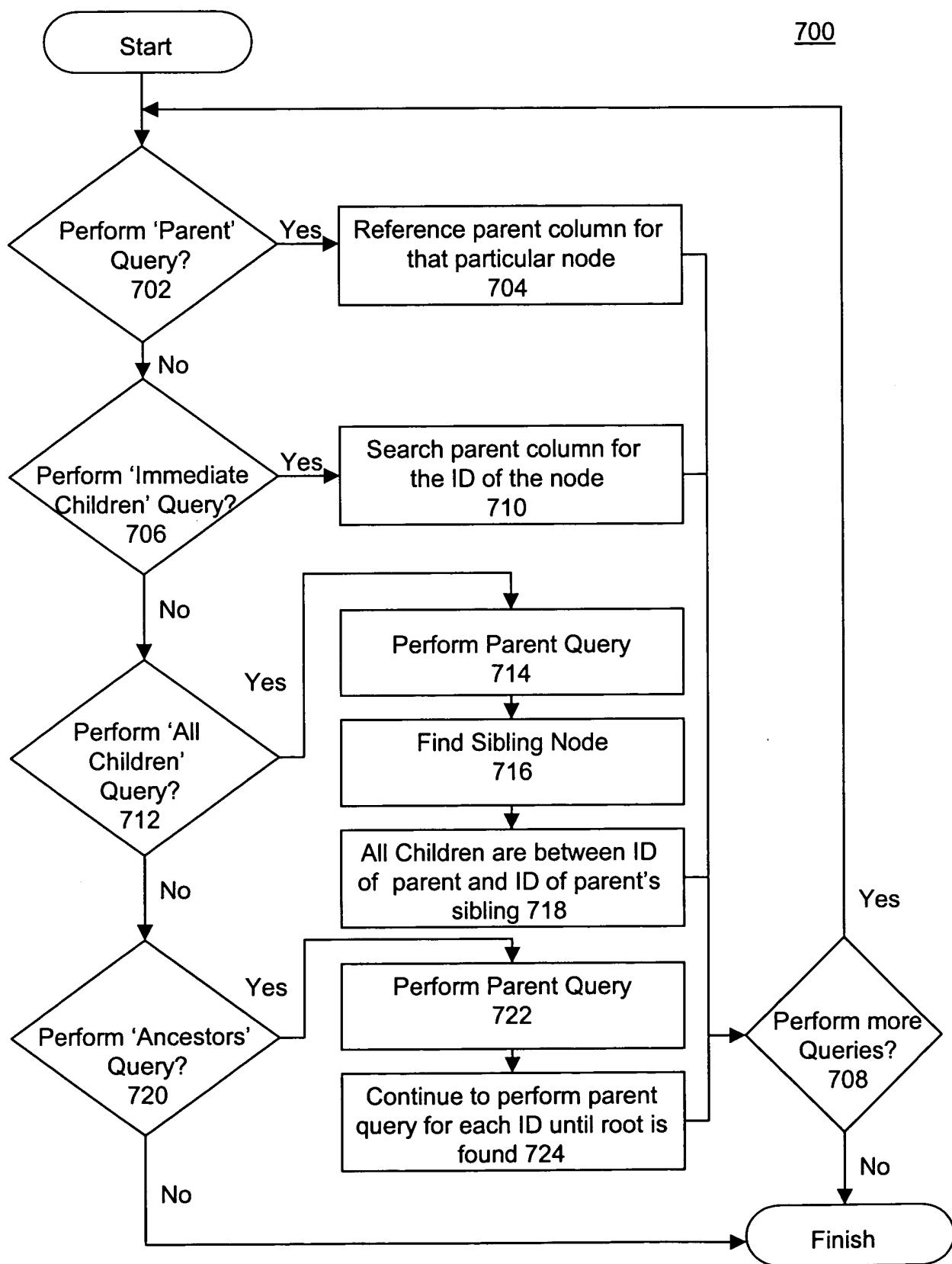


FIG. 7